

ABSTRACT OF THE DISCLOSURE⁸

~~Abstract~~

Ins 957

~~Method for Three-Dimensional Identification of Objects~~

~~Known security systems that, for example, detect and check features of the~~
~~face for an access authorization have been previously based on the evaluation of~~
5 ~~the two-dimensional gray-scale image. A decisive enhancement of the recognition~~
~~dependability is supplied by the additional acquisition and interpretation of the~~
~~three-dimensional shape of the face. In order to nonetheless be able to implement~~
~~the registration of the information in a short time and so that the costs of the~~
~~recognition system are not significantly increased, an encoded illumination is~~
10 ~~implemented with a digital micro-mirror arrangement in different colors, and the~~
~~topography of the face is identified via a color picture processing.~~

~~Figure 1~~

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